



SMART PREPAID UTILITY METERS

Water • Gas • Electricity



STRW240 Water Meter



STG16 Gas Meter



STE18 Electricity Meter

Africa Utilities's prepaid metering range lets households and property managers pay for water, gas and electricity in advance, monitor usage in real time, and top up remotely — reducing bill shock, cutting arrears, and giving full visibility over consumption.

BACKED BY OVER 20 YEARS IN AFRICAN UTILITIES INFRASTRUCTURE

Africa Utilities is part of the Pipeco Africa Group, established more than 20 years ago and active across multiple African markets. That same installation and after-sales network now backs our prepaid metering range in Zimbabwe — so clients get proven products with local support, not an unfamiliar import.

WHAT EVERY AFRICA UTILITIES PREPAID METER GIVES YOU

Pay-as-you-go	Top up in advance by token, app, or vending point — no surprise bills.
Remote monitoring	Wireless communication (LoRa / STS / GPRS) reports usage without a site visit.
Tamper & leak alerts	Built-in sensors flag tampering, magnetic interference, or abnormal flow.
Long battery life	4–5+ years on a single battery, so meters run maintenance-free for years.

01 STRW240 — Prepaid Water Meter



A split-type, dry-dial prepaid water meter for homes and multi-unit buildings. The customer keeps track of their balance on a separate wall-mounted display (CIU), which talks to the meter wirelessly — so there's nothing to read at the meter itself.

Why clients choose it

- Available in DN15, DN20 and DN25 to suit most residential connections.
- Prepay by token or recharge through the Customer Interface Unit (CIU) — balance shown clearly on an LCD screen.
- Wireless link between meter and CIU (up to 350–400 m), so the display can sit indoors even if the meter is outside.
- Sealed to IP68 — built to keep working in wet or buried installations.
- Lithium battery rated for 4+ years before it needs replacing.
- Low-balance and alarm indication on the CIU, so customers aren't caught out by a sudden cut-off.

Key specifications

Sizes available	DN15 / DN20 / DN25
Accuracy class	Class B / Class C
Display	LCD digital + mechanical pointer backup
Communication	433 MHz LoRa-RF, 350–400 m range to the CIU
Power supply	Lithium battery (ER18505), 4+ year life
Working pressure	0.2 bar minimum, 16 bar maximum
Protection rating	IP68 (meter body)
Max. reading	99,999.9 m ³

02 STG16 — Prepaid Gas Meter



A self-contained prepaid gas meter with its own keypad and screen — the customer tops up by entering a code (STS token) directly on the unit, with no separate display needed.

Why clients choose it

- Tops up on the meter itself using a secure STS numeric code — simple for customers, no app required.
- Rugged aluminium die-cast case built for indoor or outdoor installation.
- 9-digit backlit LCD display shows the remaining balance clearly, day or night.
- Double reed-switch sensing detects magnetic tampering and protects against fraud.
- Battery life of 5+ years keeps maintenance visits to a minimum.
- Certified to international metering (OIML) and prepayment (STS/IEC 62055) standards.

Key specifications

Case material	Aluminium die-casting
Capacity range	G1.6 (2.5 m ³ /h max) or G2.5 (4 m ³ /h max)
Accuracy	±3% low flow, ±1.5% normal-to-max flow
Display	9-digit LCD with blue backlight
Prepayment method	STS-certified numeric token code
Battery life	5+ years
Working conditions	-10°C to +55°C, up to 1.0 bar
Protection rating	IP65
Standards	OIML R137-1 & 2, IEC 62055 (STS)

03 STE18 — Single-Phase Prepaid Electricity Meter



A single-phase prepayment energy meter for homes and small units. Balance, warnings and connection status are all shown on the built-in display and status lights, with a keypad for entering top-up tokens.

Why clients choose it

- On-screen indicators for warning, communication status and credit, so customers always know where they stand.
- Keypad entry for STS prepayment tokens — no extra hardware required.
- Class 1.0 accuracy for billing-grade measurement.
- Class II protection and a wide operating range (-25°C to 70°C) suit both indoor and outdoor placement.
- Low self-power consumption keeps running costs to a minimum.
- Built and tested to IEC 62052/62053 international metering standards.

Key specifications

Nominal voltage	230 V (30%–120% of nominal)
Frequency	50–60 Hz
Current rating	Basic 5 A / Maximum 80 A
Accuracy class	Class 1.0
Prepayment method	STS-certified numeric token code
Power consumption	< 2 W / 8 VA (voltage circuit), < 1 VA (current circuit)
Working conditions	-25°C to +70°C (storage: -40°C to +85°C)
Protection	Class II
Standards	IEC 62052-11, IEC 62053-21



READY TO GO PREPAID?

Get a tailored quote for your home, block or estate.

Coverage: Harare and nationwide across Zimbabwe, with installation support available in select regional markets. Talk to us about your property and we'll recommend the right meter mix.

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